

AHFC Energy Efficiency Research**FY2022 Request:****\$500,000****Reference No:****6351****AP/AL:** Appropriation**Project Type:** Energy**Category:** Development**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** James Wiedle**Estimated Project Dates:** 07/01/2021 - 06/30/2026**Contact Phone:** (907)330-8359**Brief Summary and Statement of Need:**

This project provides funding for housing construction research, analysis, and information dissemination among the housing industry and the public. Data gathering and analysis is being continually related to energy efficiency technology for homes constructed in northern building and market conditions.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1139 AHFC Div	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,500,000
Total:	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,500,000

☐ State Match Required
 ☐ One-Time Project
 ☐ Phased - new
 ☐ Phased - underway
☒ Ongoing
 0% = Minimum State Match % Required
☐ Amendment
☐ Mental Health Bill

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Sec5 Ch8 SLA2020 P66 L31 HB205 \$500,000

Sec1 Ch1 SLA2018 P9 L8 SB142 \$1,000,000

Sec1 Ch1 SLA2017 P7 L4 SB23 \$1,000,000

Sec1 Ch2 SLA2016 P16 L16 SB138 \$1,000,000

Project Description/Justification:

AHFC is required by state statute to purchase homes that meet minimum energy efficiency and construction standards. The State of Alaska and AHFC have established and funded incentive programs for increased energy efficiency in homes and public facilities. AHFC works with partners in the community to help maximize this resource, determine best, most cost effective energy efficiency practices, techniques and materials; how effective certain energy efficiency designs have been across Alaska's climate regions; and scoping out promising technologies.

The projected outcomes are:

- Conducting research, analysis, information dissemination and interchange among members of the industry, and between the industry and the public;
- Gathering data and performing analysis of geographically diverse area energy-efficient designs for homes; and,

- Monitoring homes for energy usage, comfort levels, durability, occupant health, and economic benefits of efficiency feature